

1/20

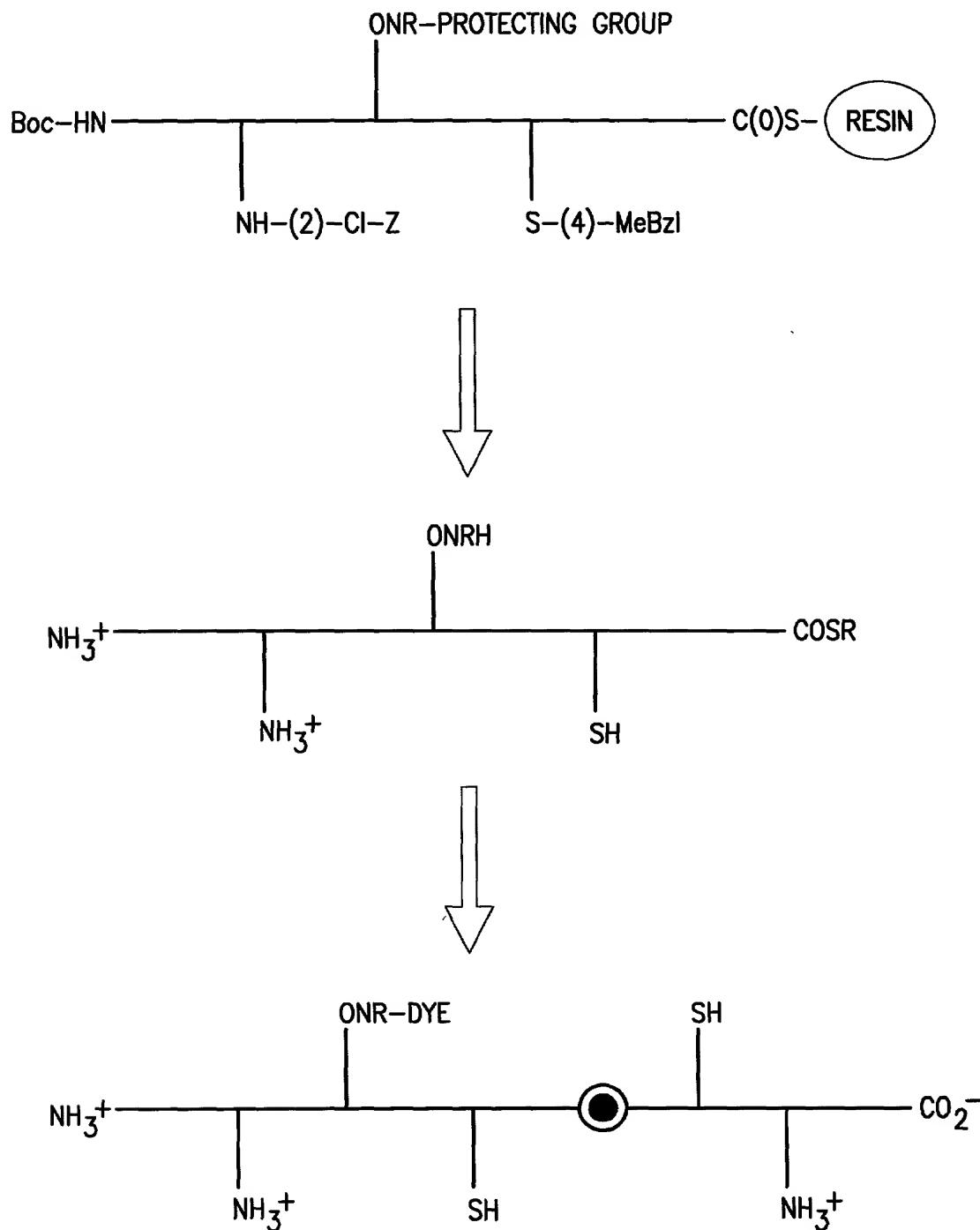


FIG. 1

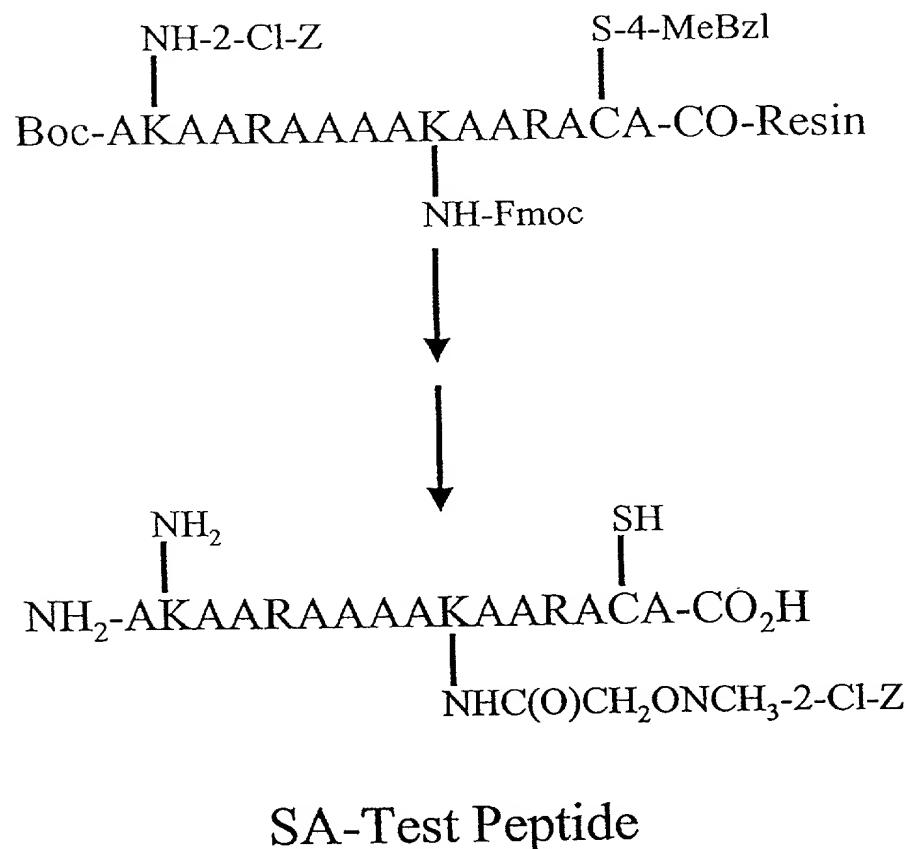


FIG. 2

TITLE: LABELED PEPTIDES, PROTEINS AND ANTIBODIES AND PROCESSES AND INTERMEDIATES USEFUL
FOR THEIR PREPARATION
INVENTORS NAME: Klaus M. Hahn et al.
SERIAL NO.: 09/839,577

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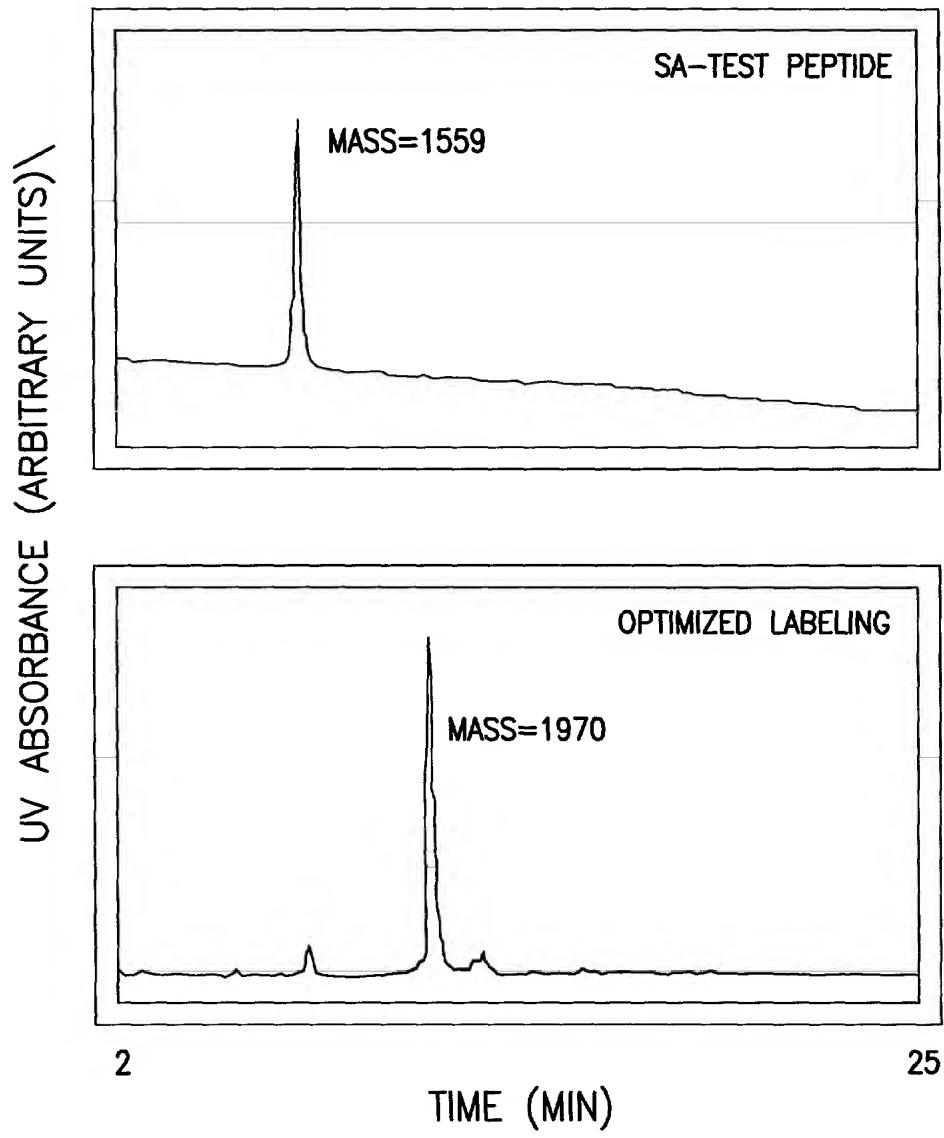


FIG. 3

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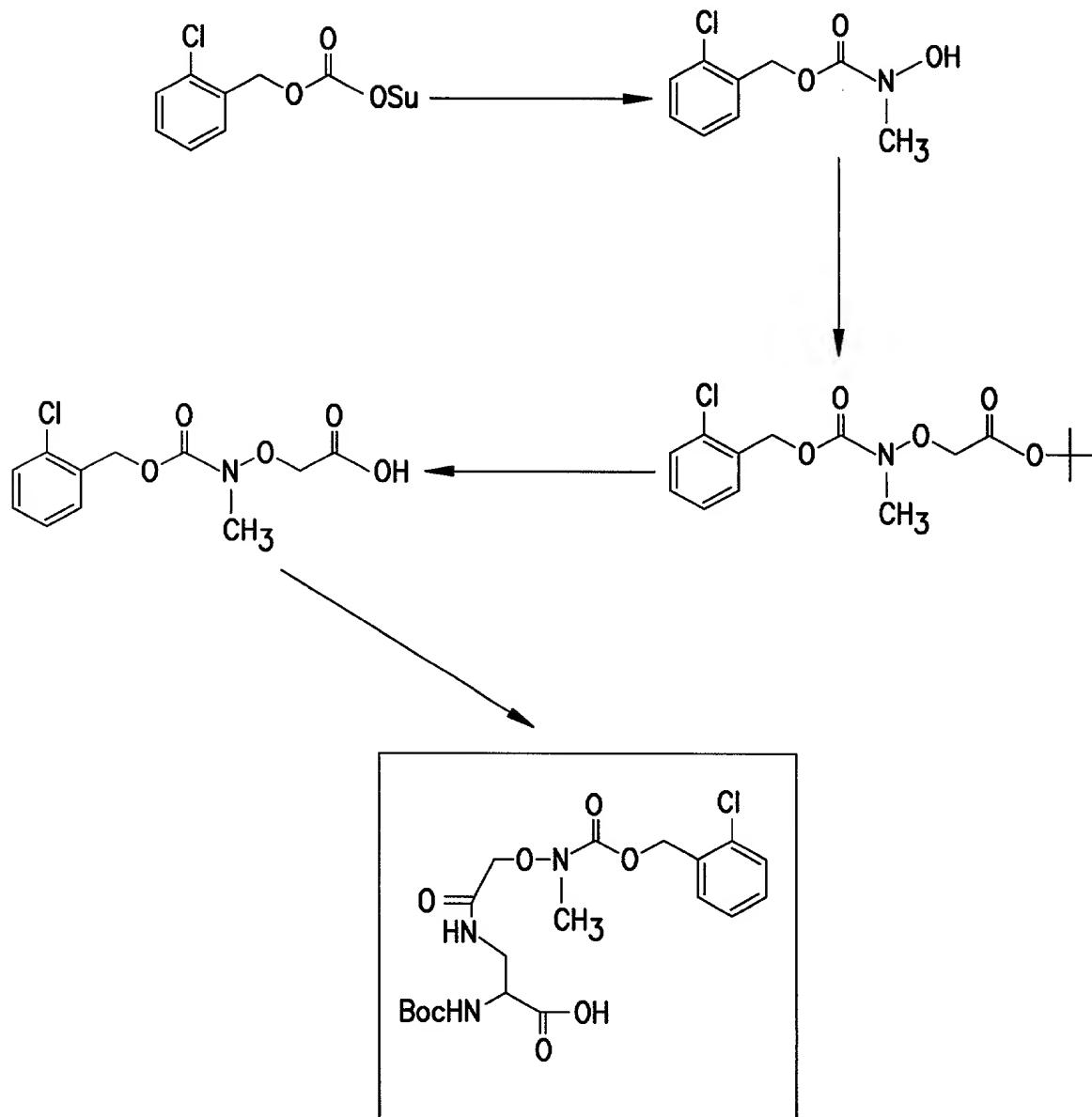
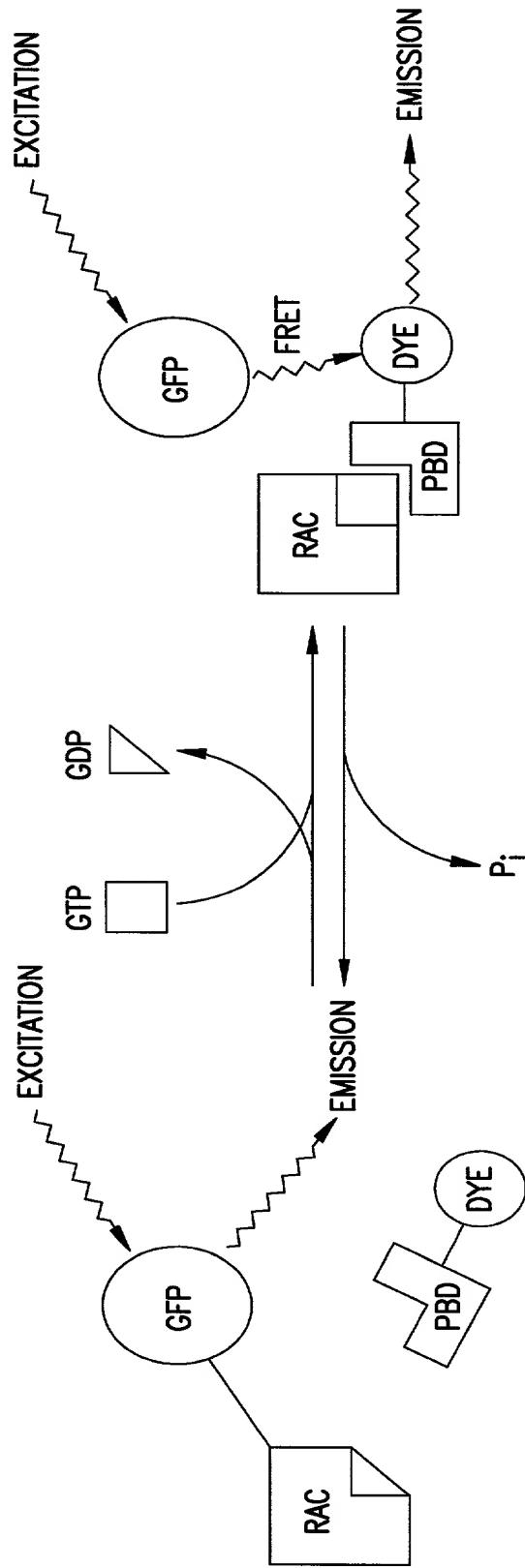


FIG. 4



5
FIG.

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1000230-A3560

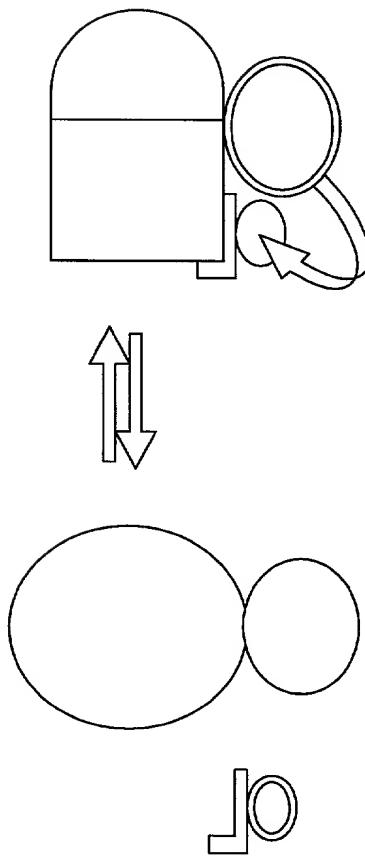


FIG. 6A

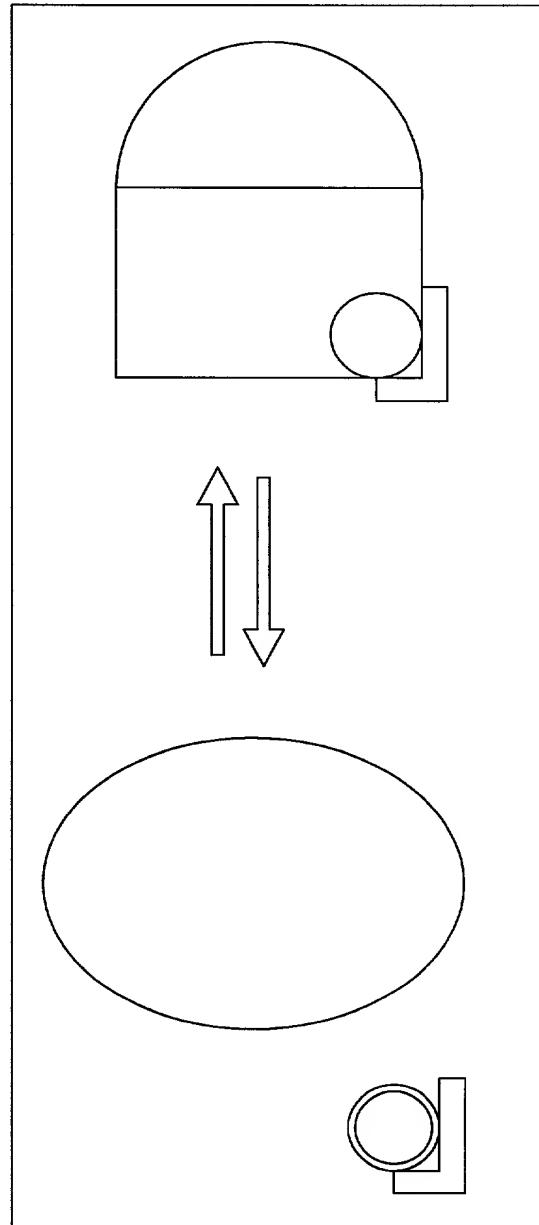


FIG. 6B

GFP-Rac to Alexa-PBD FRET

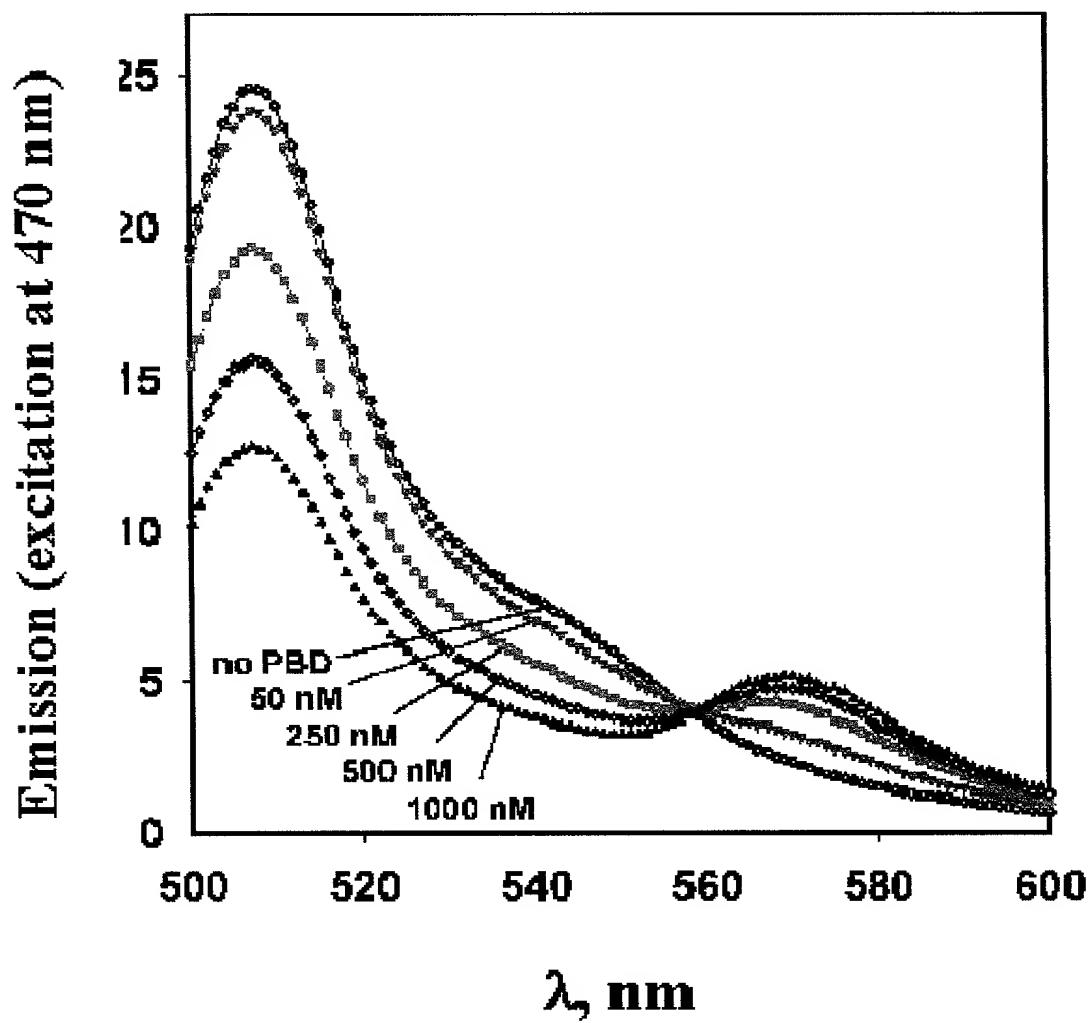


FIG. 7A

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FRET response to nucleotide state of Rac-GFP

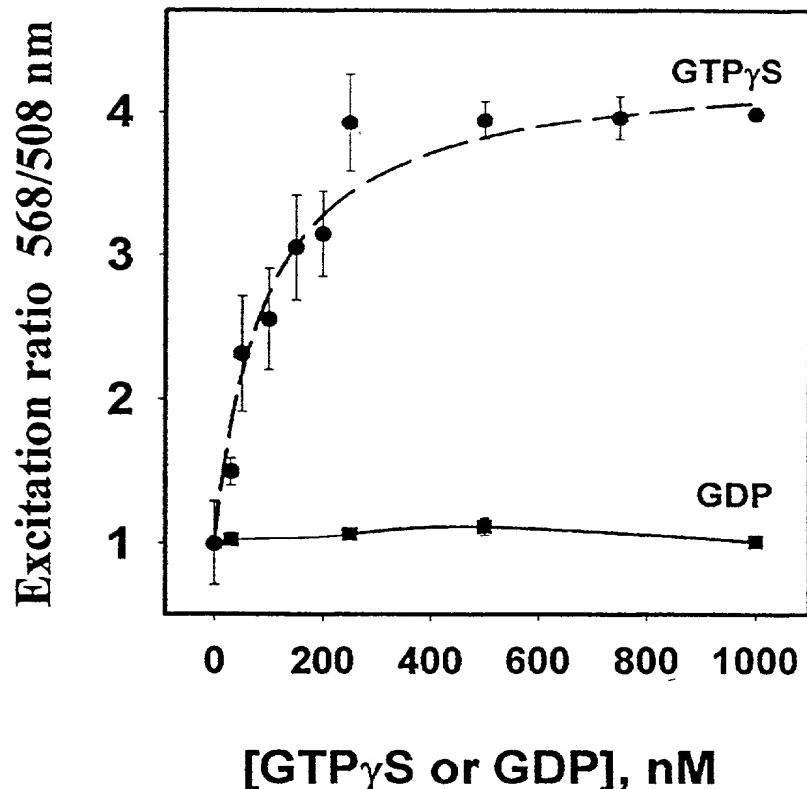


FIG. 7B

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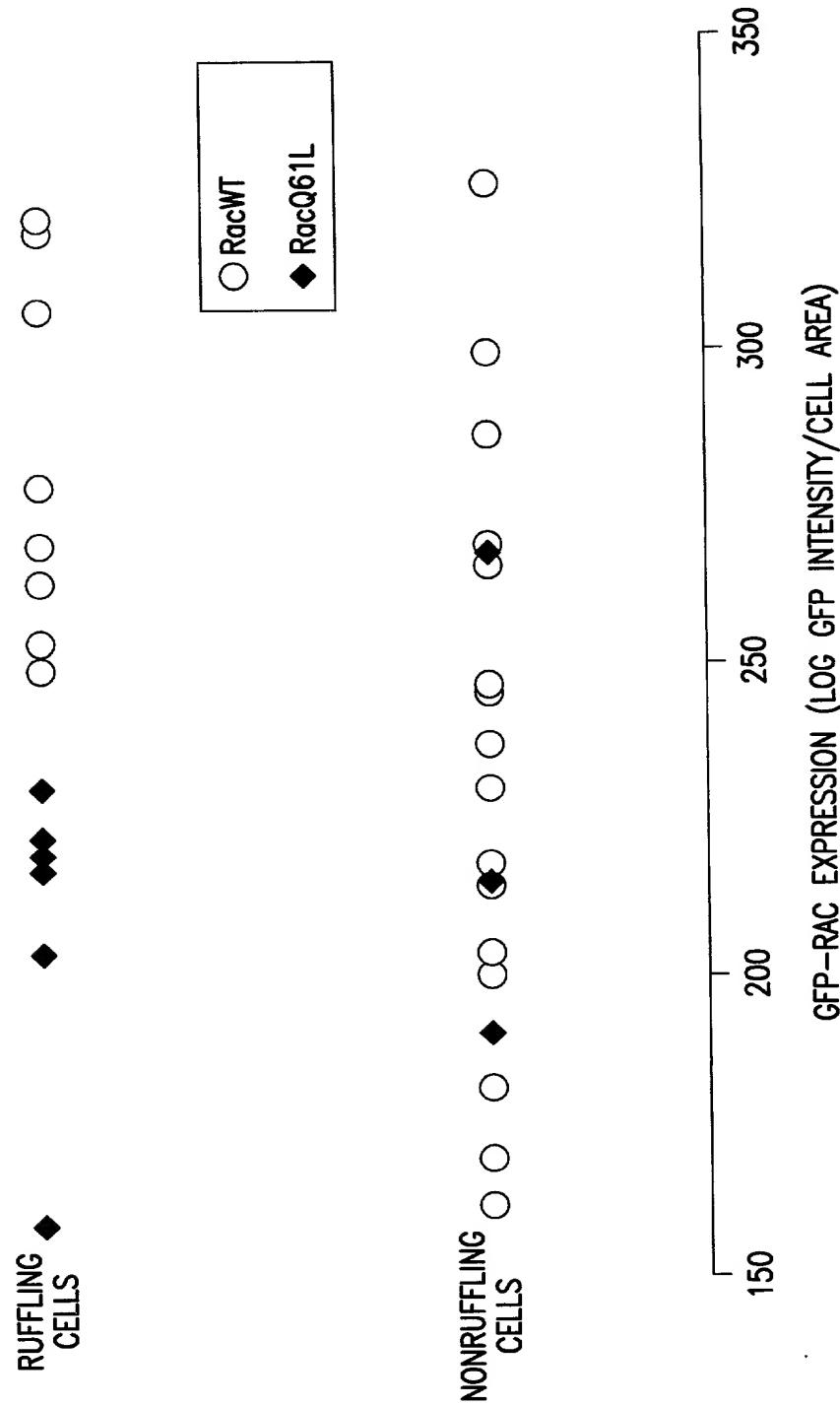


FIG. 8A

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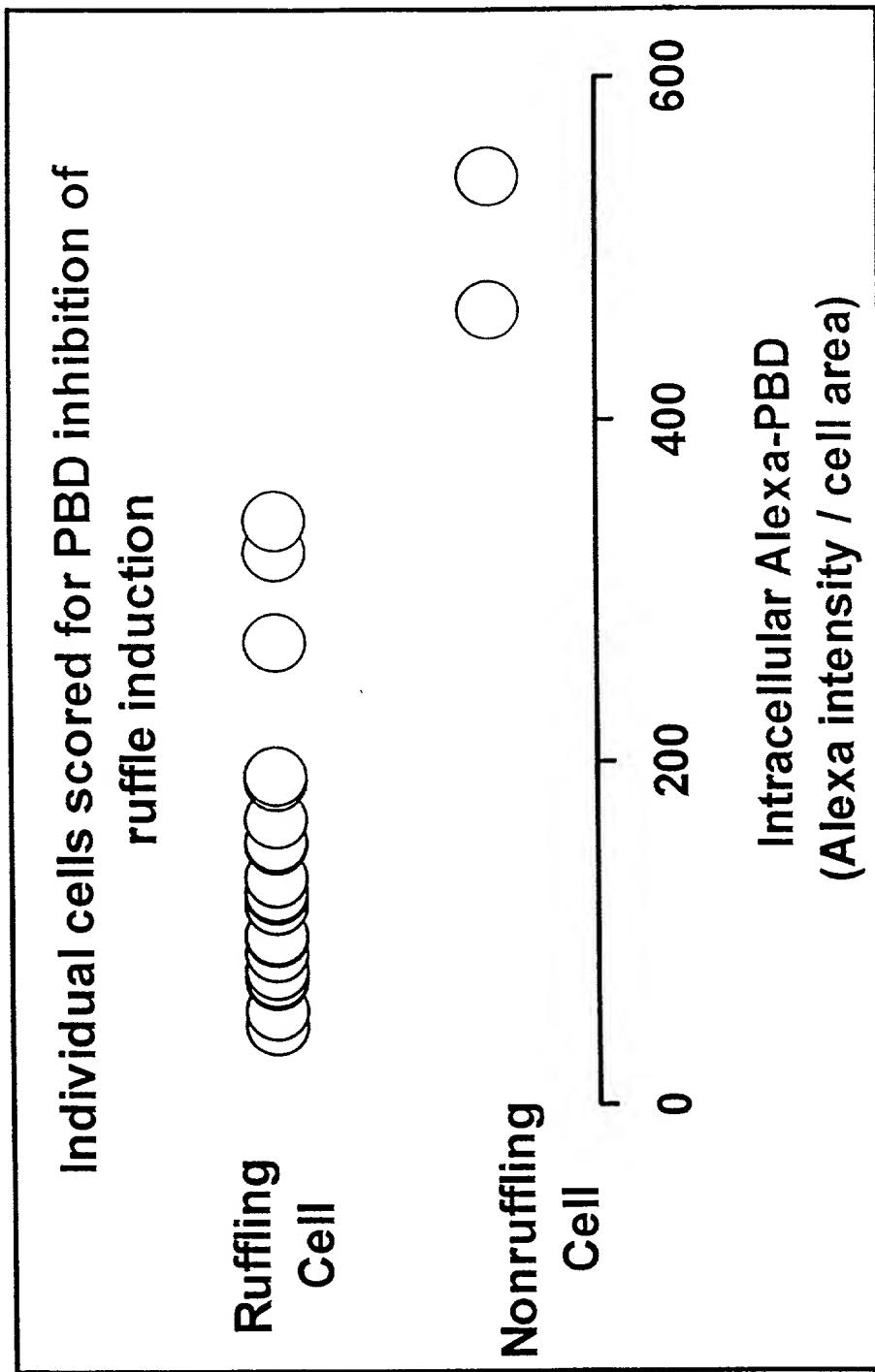


FIG. 8B

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SERUM STIMULATION OF A SWISS 3T3 FIBROBLAST

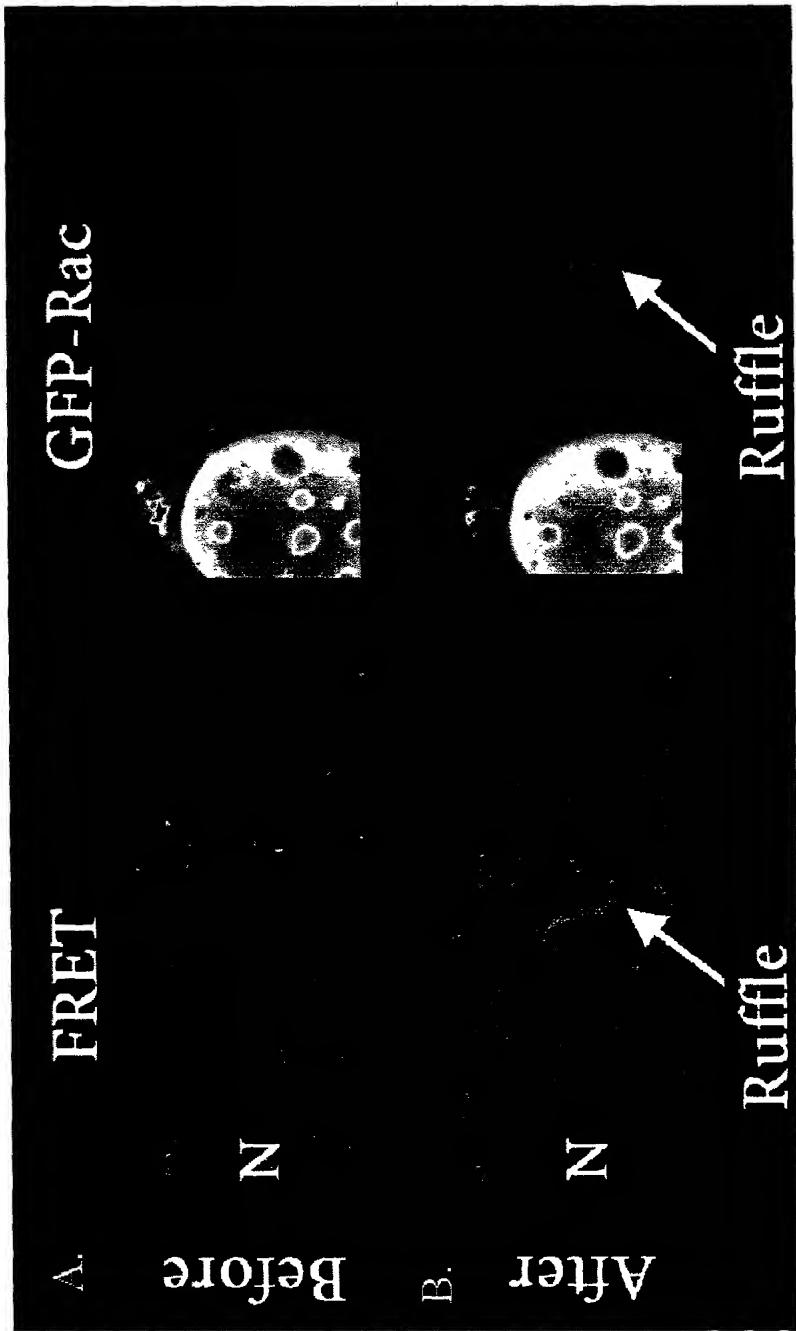


FIG. 9A

FIG. 9B

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THE SAME RUFFLE VISUALIZED USING EITHER FRET OR Alexa-PBD LOCALIZATION:

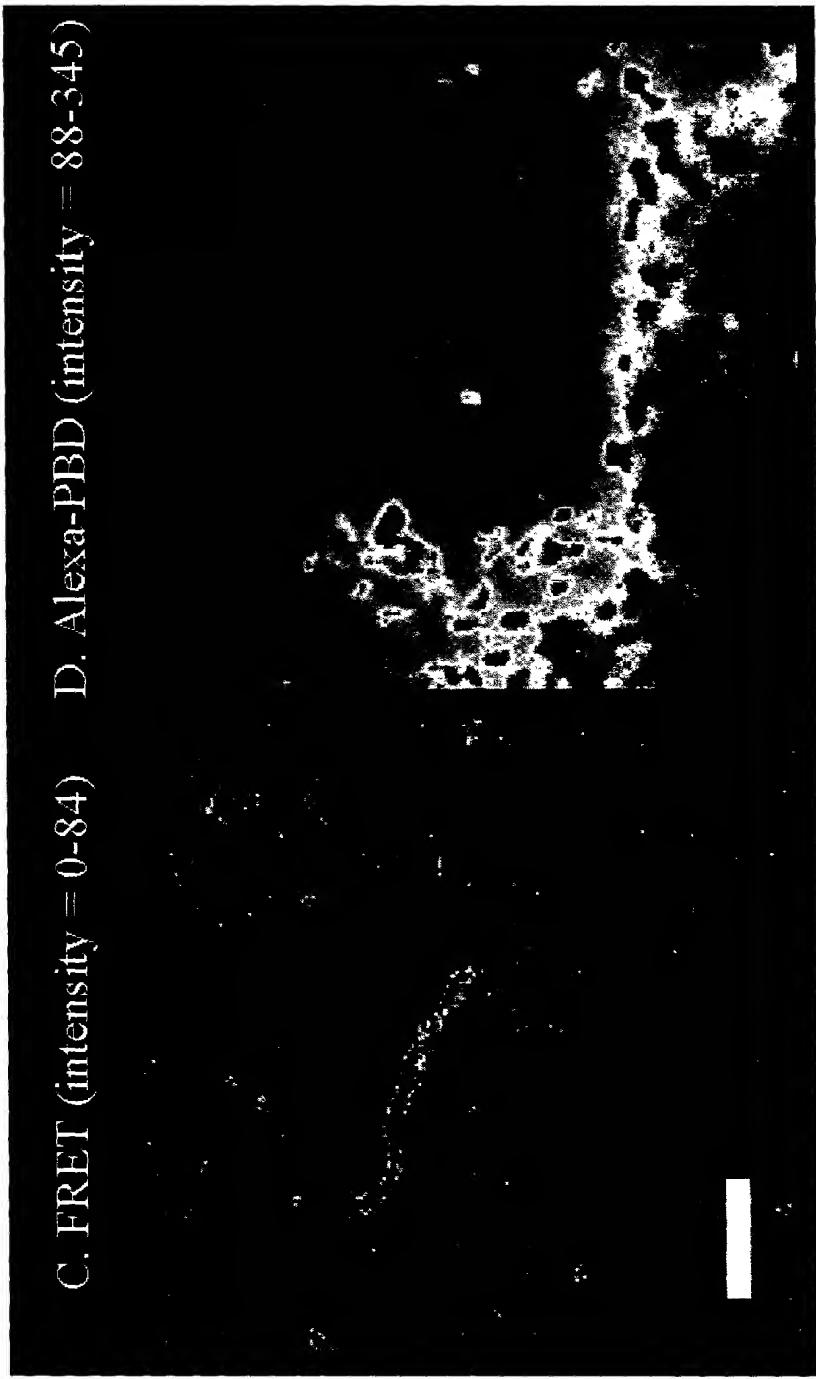
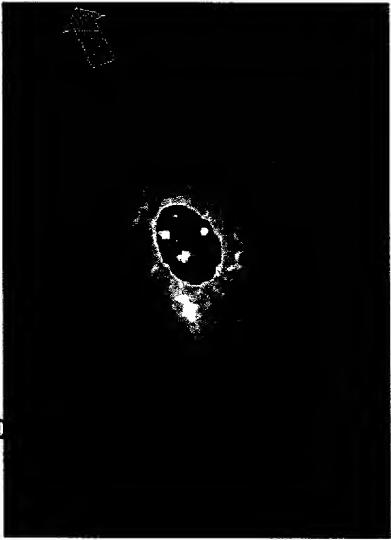


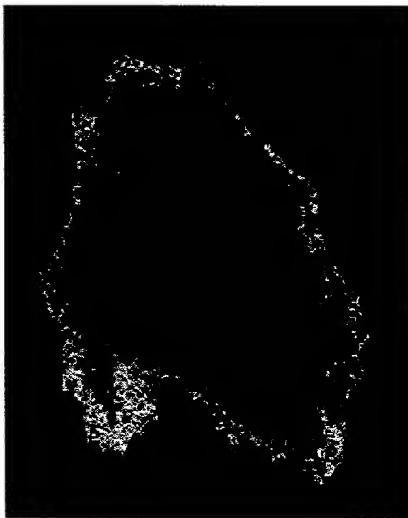
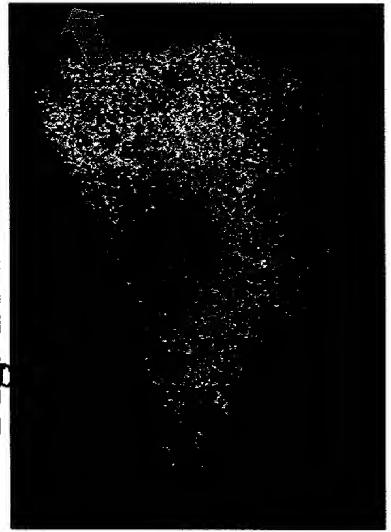
FIG. 9C FIG. 9D

Fig. 10A: Rac-GFP



monolayer
confluent

Fig. 10B. FRET



Magnitude of gradient when highest at front	128 +/- 51 %	n=12
Magnitude of gradient highest at rear	9 +/- 4 %	n=4

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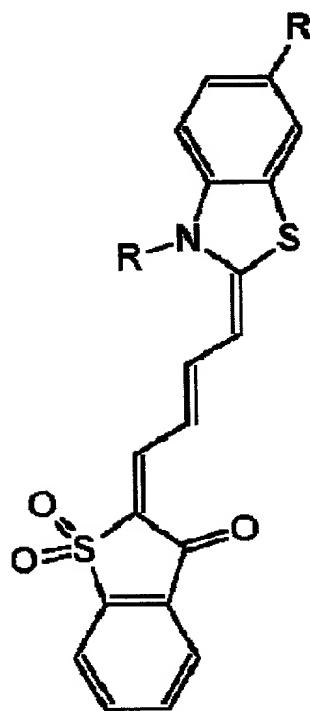


FIG. 11A

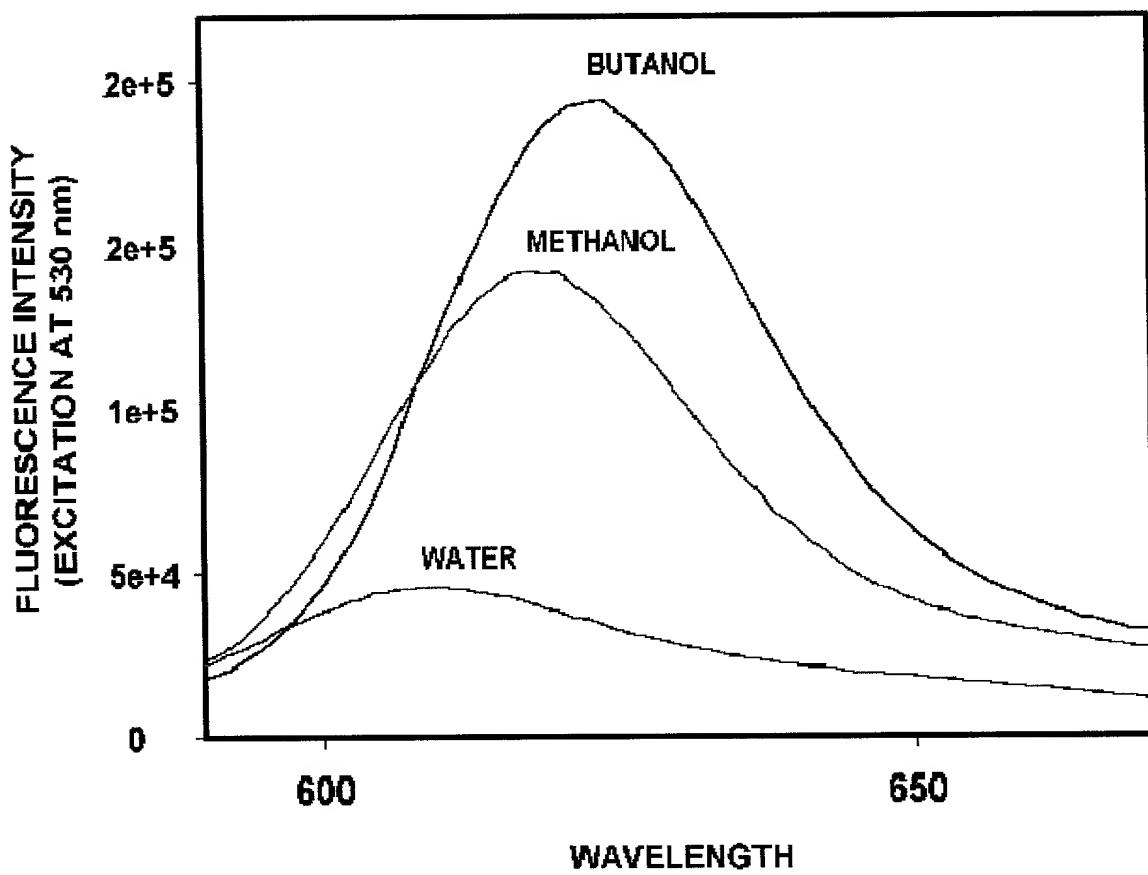


FIG. 11B

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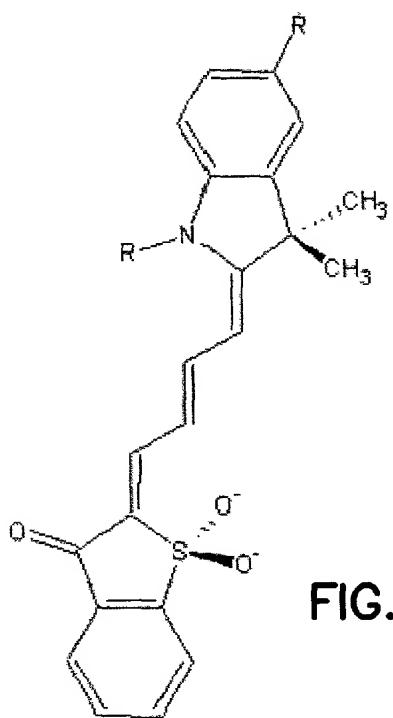


FIG. 12A

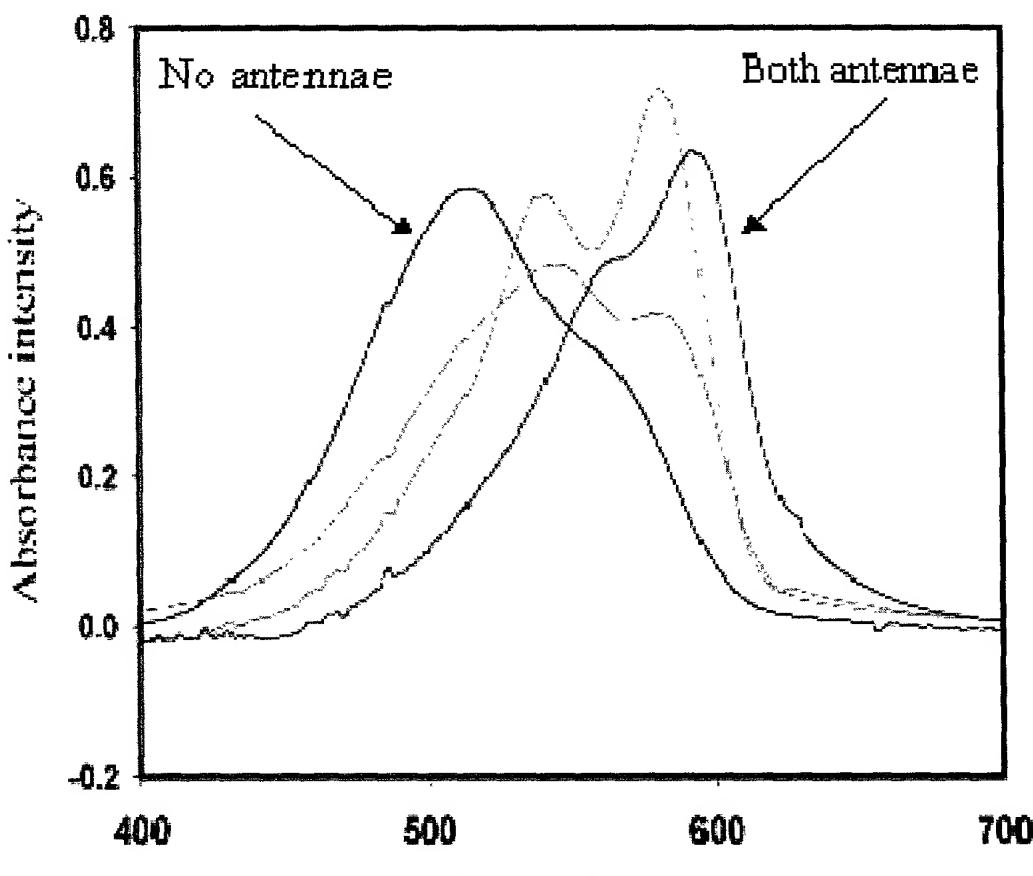


FIG. 12B

Wavelength, nm

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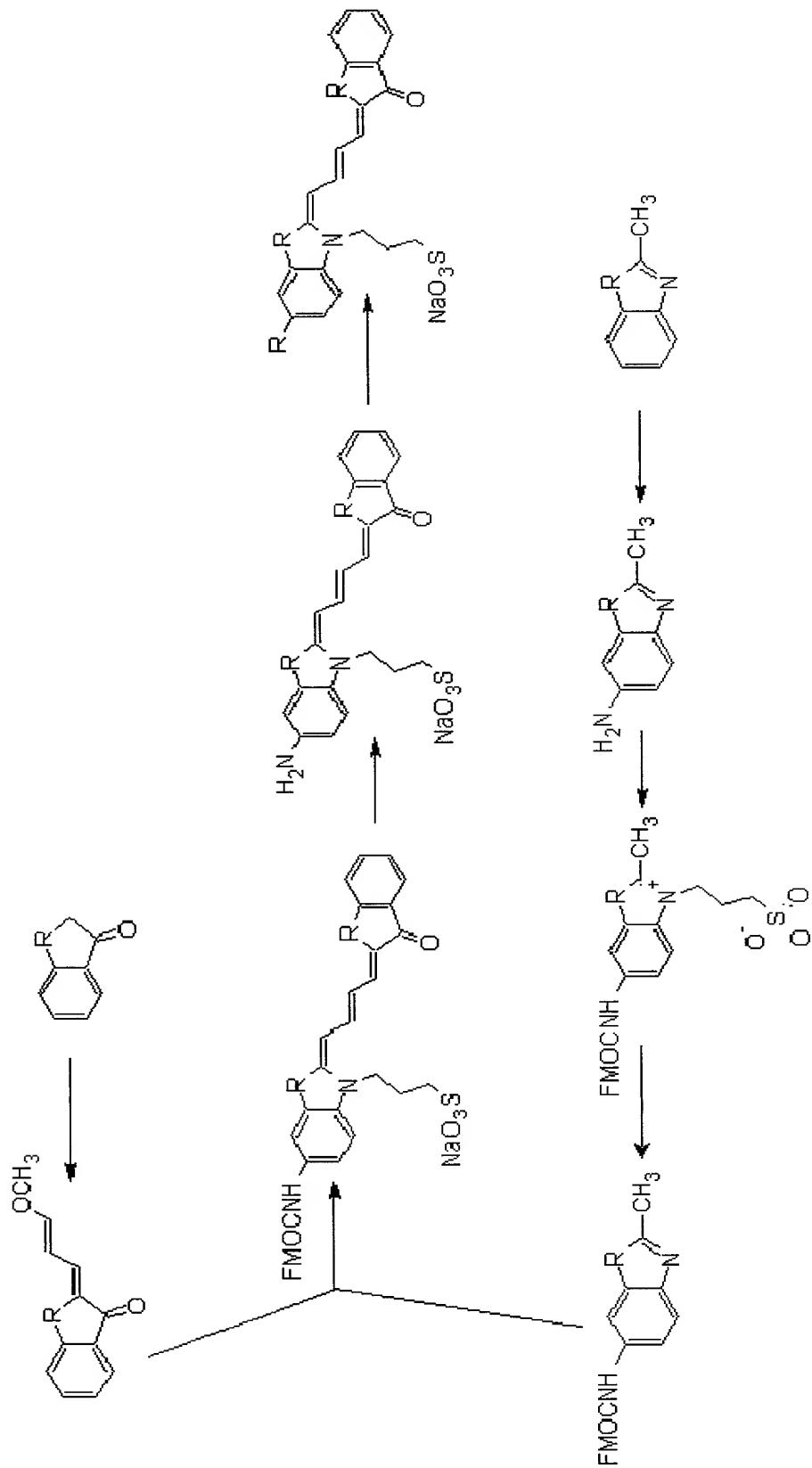


FIG. 13

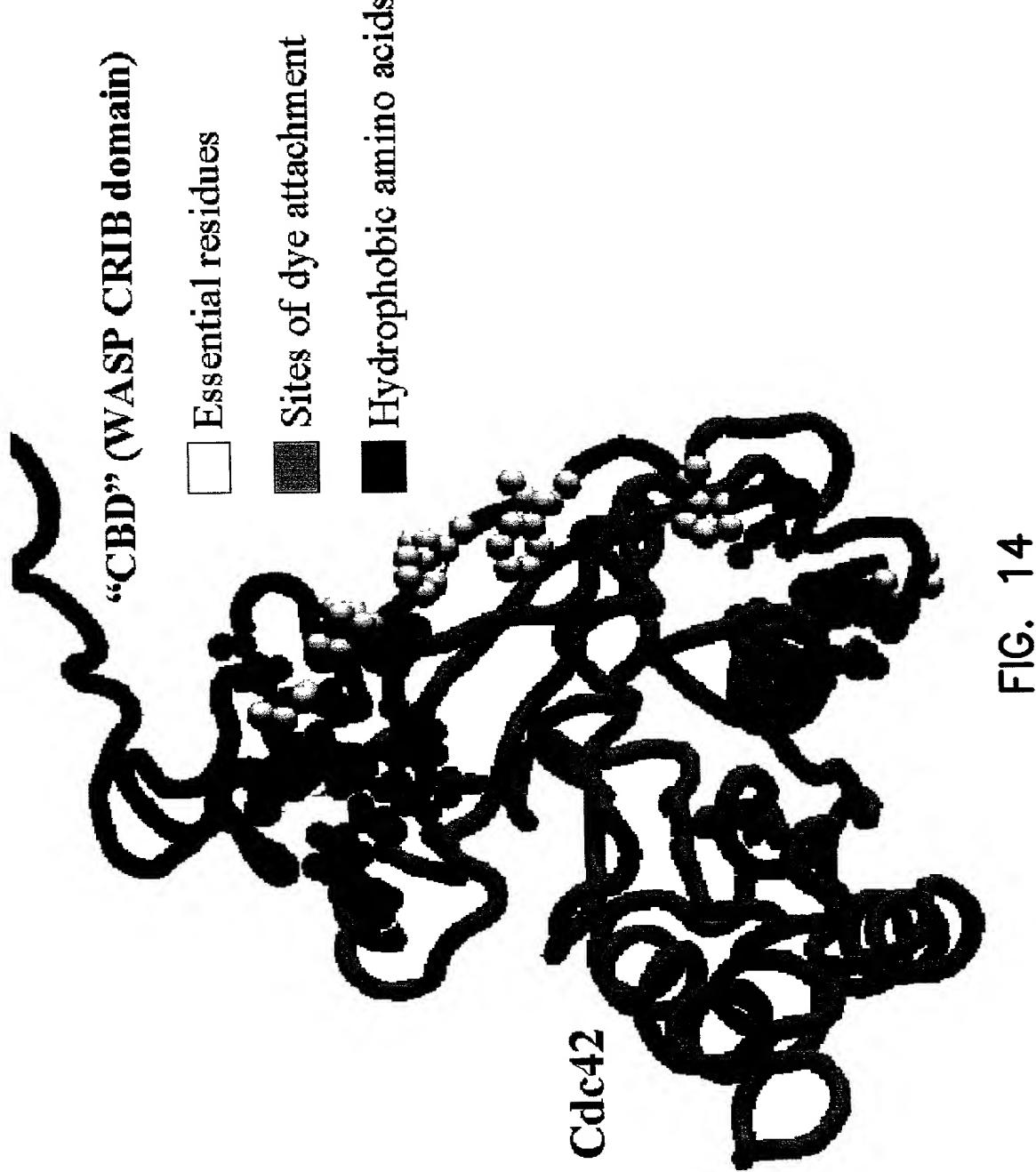
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Fluorescence of Mero-CBD responds to Cdc42 binding

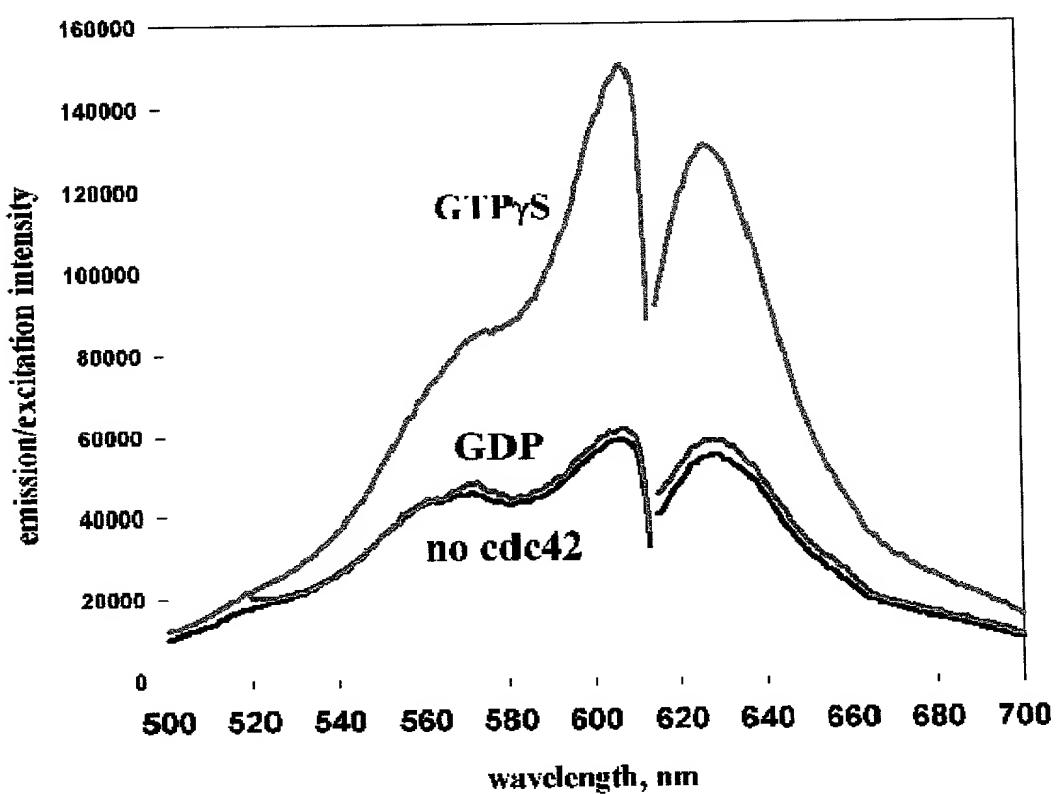


FIG. 15

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Mero-CBD in neutrophil lysates

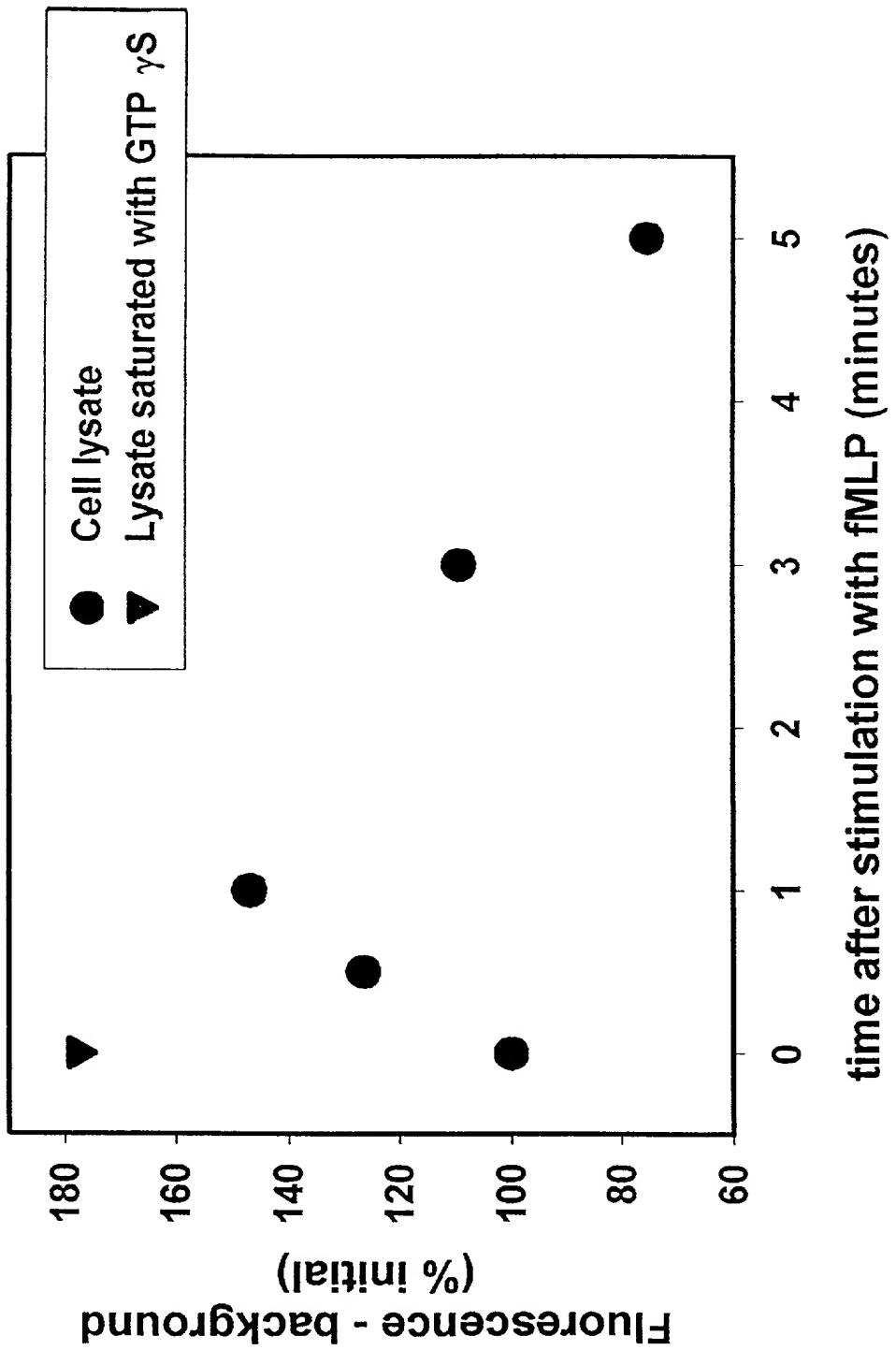


FIG. 16

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FIG. 17

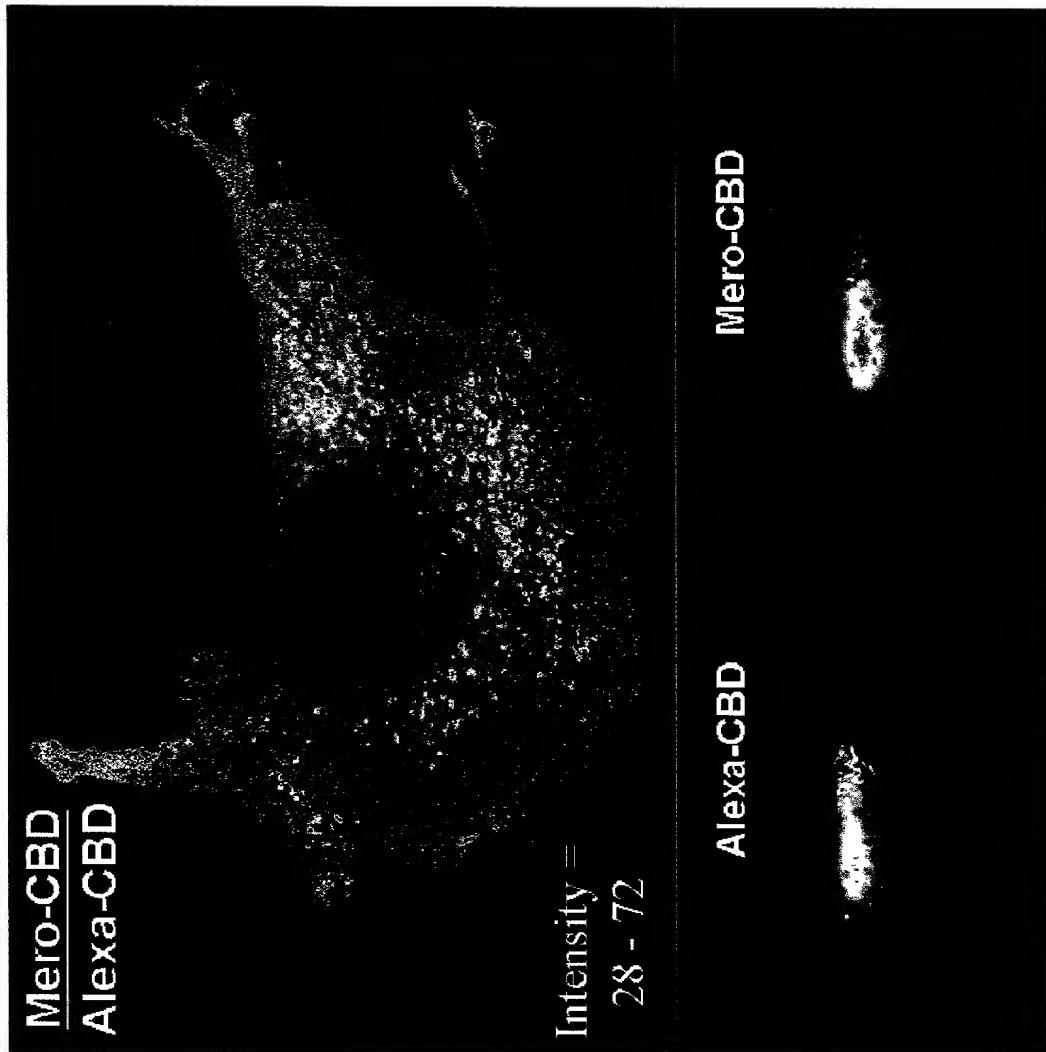


FIG. 17